Abstract for Poster or Invited Talk

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Type of presentation: Poster

Title of presentation: "Circumstellar Molecular Gas of the IIII 1-2 and IIII 24 Exciting Stars"

ABSTRACT:

^{13}CO and $C^{18}O$ observations of 1111 1-2 VLA and SSV 63, the exciting stars of the IIII 1-2 and IIII 24 outflows, have been obtained with the Owens Valley Millimeter Array. The IIII 1-2 source has been detected in both lines and in the 2.7 mm continuum. In the continuum, the central source appears unresolved in the 5″ beam with a flux density of 20 mJy. A secondary peak of 8 mJy appears 12" SE of VLA 1. A strong peak of molecular line emission appears at the position of VLA 1. Molecular gas associated with SSV 63 has also been detected. Maps of circumstellar material of both sources will be presented.

For future reference, do you have access to facilities for printing postscript files? ☒ YES ○ NO